Title (en)

Method and circuit for controlling baseband gain

Title (de)

Verfahren und Schaltung zur Steuerung der Basisbandverstärkung

Title (fr)

Procédé et circuit pour contrôler le gain de bande de base

Publication

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Application

EP 09152894 A 20010905

Priority

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Abstract (en)

An object of the present invention is to suppress the generation of a transient voltage in the settings of gains of a plurality of series-connected variable gain amplifiers of a baseband circuit. To achieve this object, the present invention provides a gain control method and a baseband amplifier wherein, if the total amplifying gain is to be increased, the gains of the variable gain amplifiers are sequentially increased starting at a variable gain amplifier close to an input of the baseband amplifier, and, if the total amplifying gain is to be decreased, the gains of variable gain amplifiers are sequentially decreased starting at a variable gain amplifier farthest to the input.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

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Citation (examination)

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